FIG.1

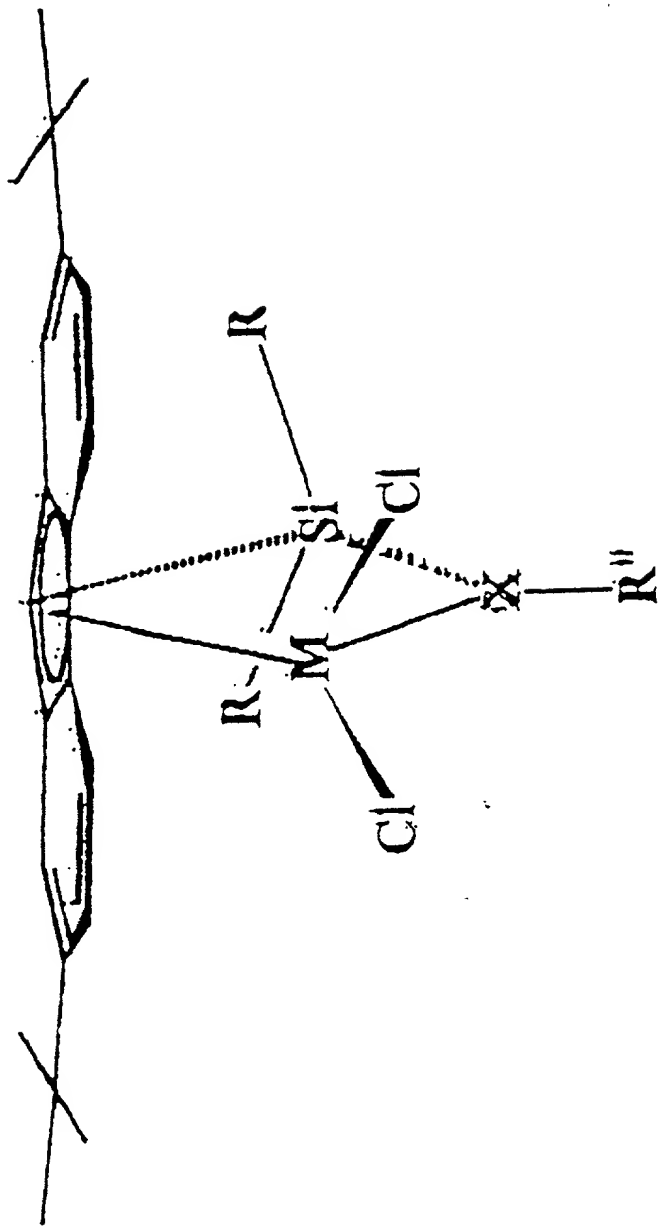

FIGURE 2

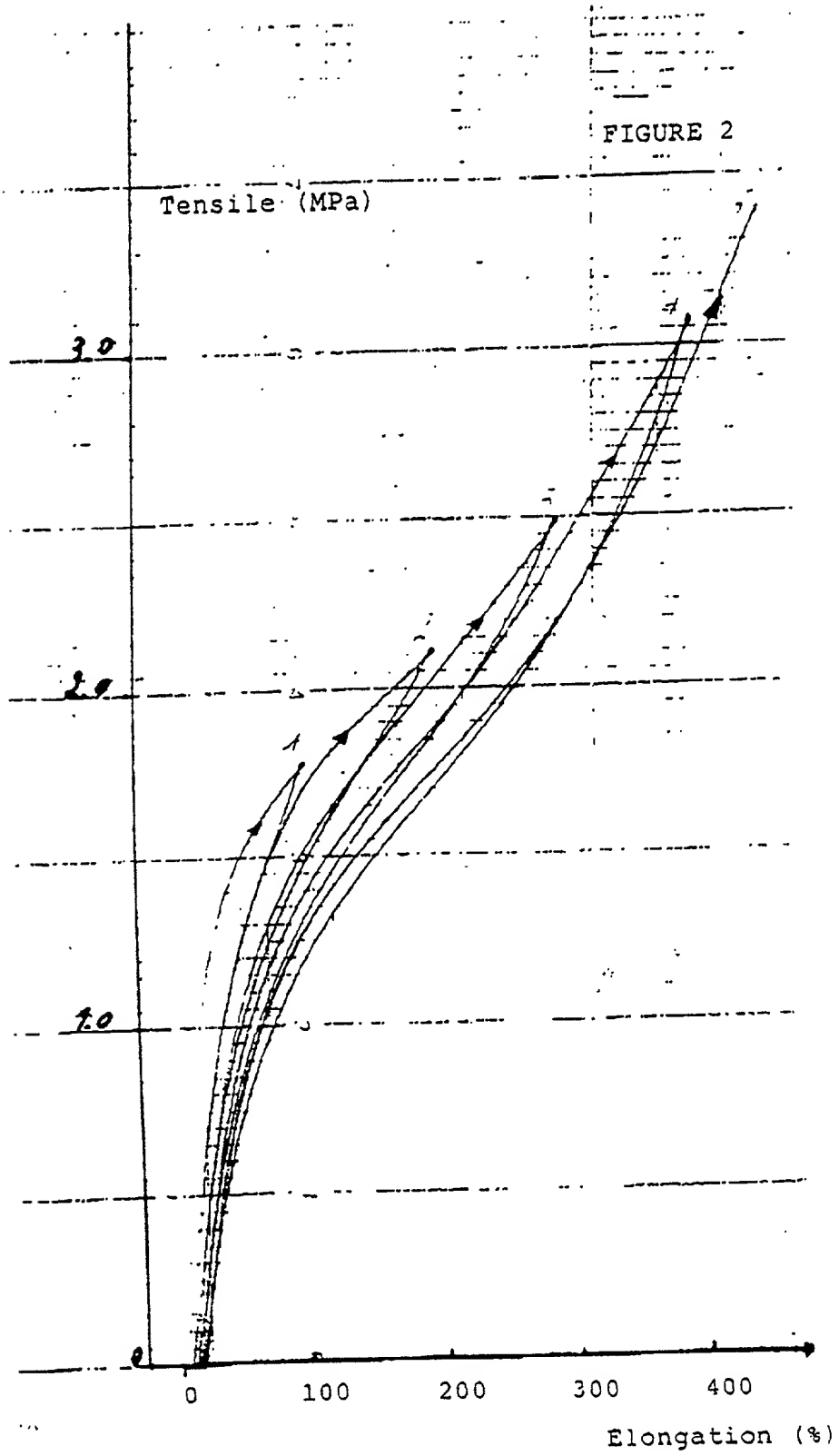

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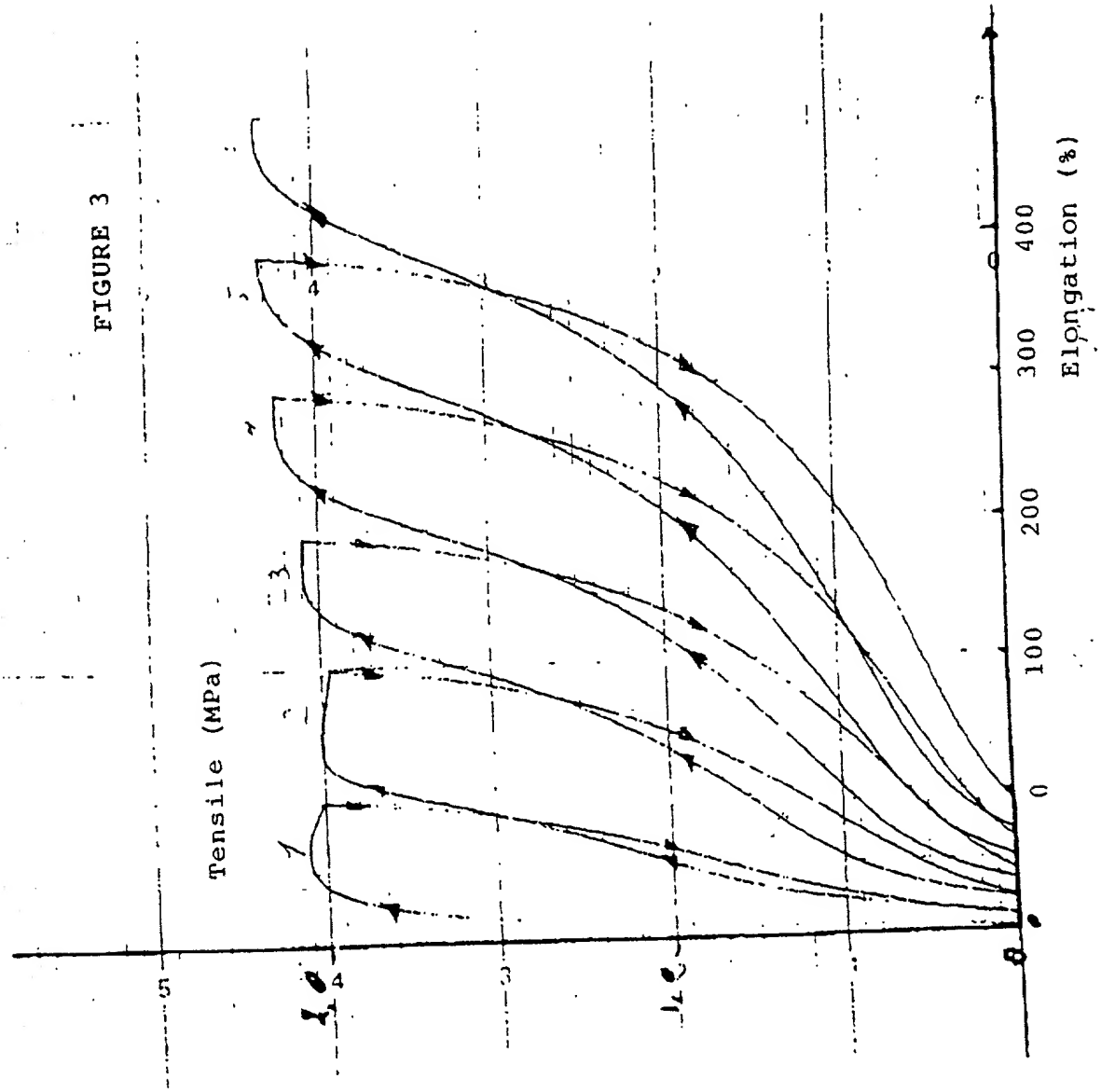
FIGURE 3



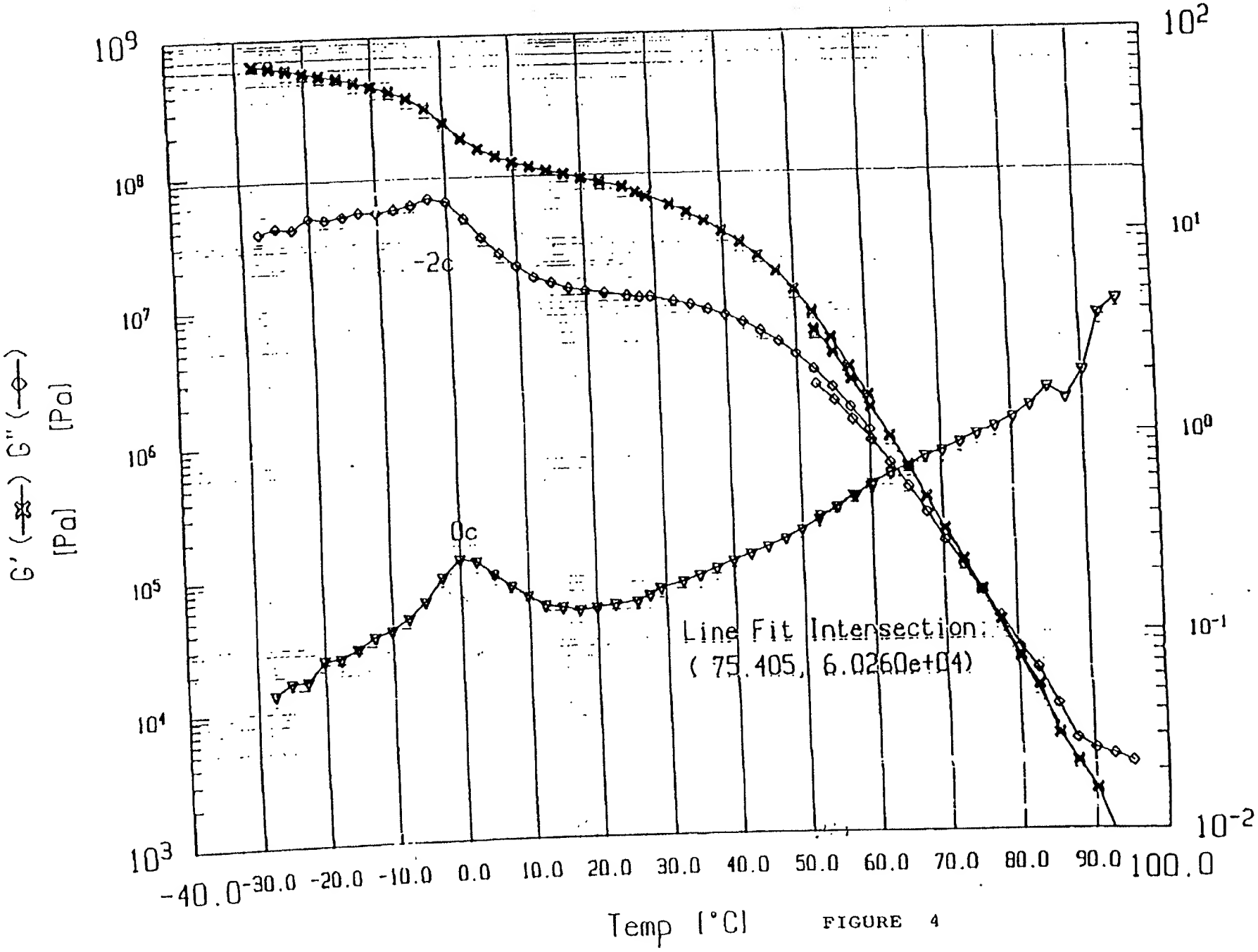

G' (—⊗—) G'' (—◇—)
[Pa]
tan(δ) (—△—)
[~]
-2c
0c
Line Fit Intersection:
(75.405, 6.0260e+04)
Temp [°C]
10^9
10^8
10^7
10^6
10^5
10^4
10^3
10^2
10^1
10^0
10^-1
10^-2
-40.0 -30.0 -20.0 -10.0 0.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 100.0

FIGURE 4

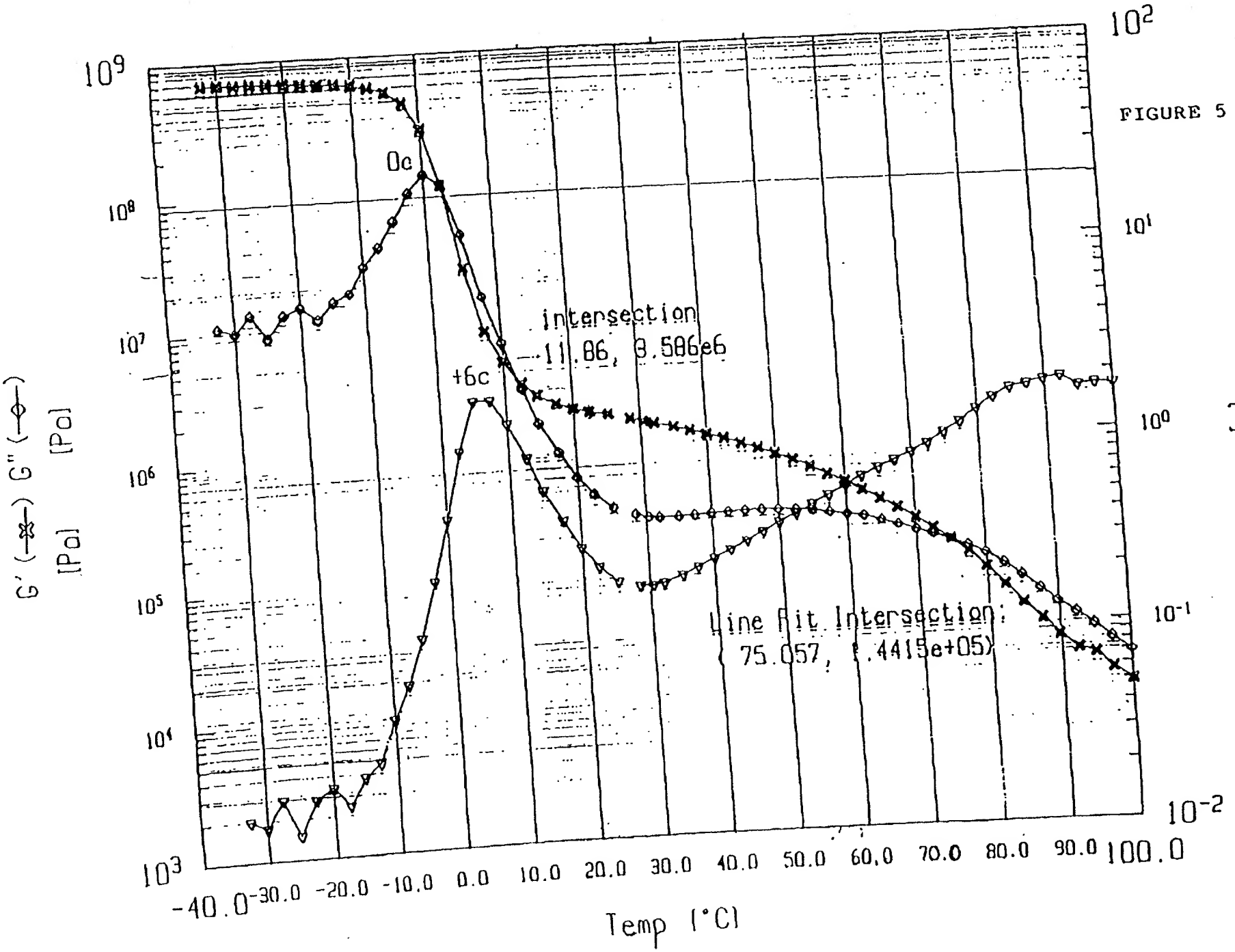

G' (—⋇—) G" (—◇—)
[Pa]
[Pa]
Tan (δ) (—△—)
[-]
Temp [°C]
Gc
+Gc
intersection
11.86, 3.586e6
Line Fit Intersection:
75.057, 1.4415e+05)
10^9
10^8
10^7
10^6
10^5
10^4
10^3
10^2
10^1
10^0
10^-1
10^-2
-40.0
-30.0
-20.0
-10.0
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0

FIGURE 5

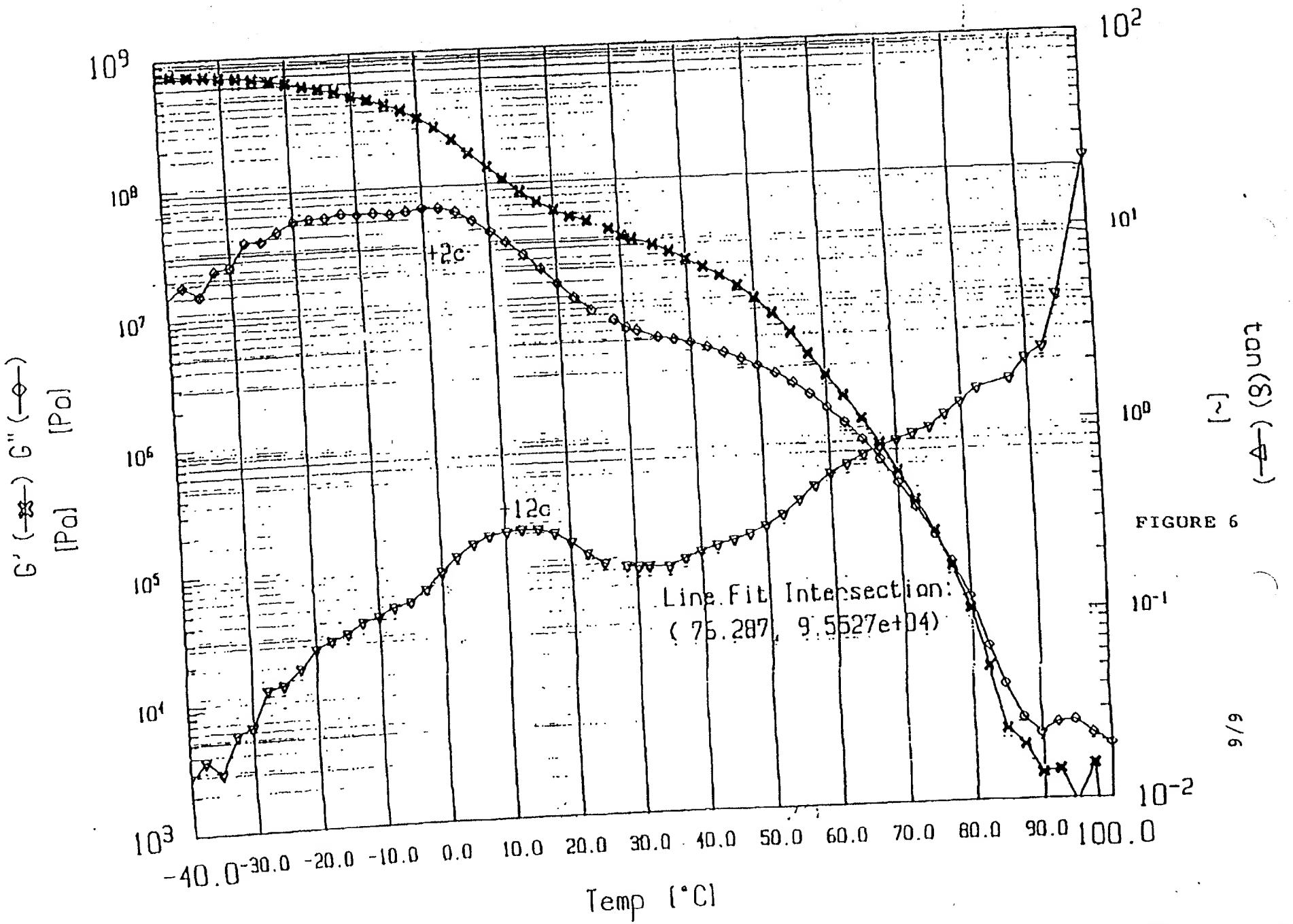

G' (—⊠—) G'' (—◇—) [Pa]
tan (δ) (—△—) [-]
Temp [°C]
+2c
+12c
Line Fit Intersection:
(75.287, 9.5527e+04)
10^9
10^8
10^7
10^6
10^5
10^4
10^3
10^2
10^1
10^0
10^-1
10^-2
-40.0 -30.0 -20.0 -10.0 0.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 100.0

FIGURE 6